



**Brunel**  
University  
London

Pathway  
College

**POSTGRADUATE  
COURSE FLYER**

# Discover Computer Science



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# COMPUTER SCIENCE

**Brunel University London's on-campus pathway provider provides a Pre-Master's in Computer Science for students who may not qualify for direct entry to a degree programme and seek a supportive learning environment.**

## Study Computer Science at Brunel

At Brunel, our computer science and business computing undergraduate courses are designed to overlap, allowing you to be fluid in your course choices and to follow your interests as they develop.

Our computer science courses will teach you about the efficient design of software and the techniques you can apply to all aspects of software design, development and verification. If you're not sure which route you want to go, this course also gives you the flexibility of selecting modules and specialising gradually during your time with us.

You'll learn in our new purpose-built facilities which house state-of-the-art computer science laboratories, where you will put theory into practice whilst working on your projects.

## Data Science and Analytics MSc

The Data Science and Analytics MSc programme provides these skills, combining a strong academic degree course with hands-on experience of leading commercial technology, and the chance to gain industry certification. You will develop both your critical awareness of the very latest developments in data science and the practical skills that help you apply data science more effectively in a wide variety of sectors including finance, retail and government.

## Digital Service Design MSc

The course features close integration with leading digital companies to help you develop a deep knowledge of both design theory and practice as well as to equip you for employment in the digital sector. As a result of enrolling on this course, you will have the opportunity to form a network of industry contacts which will be invaluable when you enter into the world of employment.

## Careers and your future

Your MSc in Data Science and Analytics from Brunel will equip you to work in leading data science organisations. The roles that our graduates are typically recruited to within these organisations include analytics consultant, big data engineer/scientist, business analyst, clinical data scientist, data design specialist, data scientists, developer/ development engineer, enterprise/technical architect, forecast analyst, marketing/customer and/or insight analyst, quantitative analyst and web analyst.

Companies seeking to employ our data science graduates include Accenture, AstraZeneca, AXA Insurance, British Airways, Capgemini, Experian, FICO, GE Healthcare, HSBC, nPower, Orange, PayPal, Sopra and Waitrose.

Your MSc in digital service design from Brunel will equip you to work in leading digital design organisations. On completion of the course graduates go onto roles such as, app development, copywriting and content design, digital service design, digital product design, digital project management, front-end development, information architecture, interaction design, product management, research, service design, strategy, user experience design, UX architecture.

## Key facts

### Postgraduate pathway in Computer Science

#### Duration

One semester

#### Intakes

January and May

#### Course fee

£8,500

#### Typical modules

Applied Concepts

Critical and Creative Thinking

Interactive Learning Skills and Communication 5

Research Methods

### This pathway leads to the following Brunel University London Master's degrees:

Artificial Intelligence MSc

Data Science and Analytics MSc

Digital Service Design MSc



**#DiscoverBrunel**  
**brunel.ac.uk/pathwaycollege**

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